



J200 PRC/PTO 30 MAY 2002 C T FF

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INFORMATION DISCLOSURE
STATEMENT
Patent Application
Docket No. GJE-88
Serial No. 10/070,568

David Saliwanchik
David R. Saliwanchik, Patent Attorney

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : You-Min Feng, You-Shang Zhang
Serial No. : 10/070,568
Conf. No. :
Filed : March 8, 2002
For : Monomeric Analogues of Human Insulin

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§1.97 AND 1.98

Sir:

The above-identified patent application was filed in the U.S. Patent Office as a national application under 35 USC §371. In accordance with 37 CFR §1.56, the Applicants hereby request that the references cited in the international search report and listed on the attached form PTO-1449 be made of record and considered in the examination of the subject application. The Applicants respectfully assert that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statement.

Respectfully submitted,

David Saliwanchik

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DRS/la

Attachment: Form PTO-1449; and copies of references cited therein



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/070,568
Filing Date	March 8, 2002
First Named Inventor	You-Min Feng
Art Unit	
Examiner Name	

Sheet

1

of

2

Attorney Docket Number

GJE-88

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	U1	US-4,916,212	04-10-1990	Markussen et al.	
	U2	US-5,618,913	04-08-1997	Brange et al.	
	U3	US-5,952,297	09-14-1999	De Felippis et al.	
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			
	U10	US-			
	U11	US-			
	U12	US-			
	U13	US-			
	U14	US-			
	U15	US-			
	U16	US-			
	U17	US-			
	U18	US-			
	U19	US-			
	U20	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	F1	0 046 979 A	03-10-1982	Hoechst AG		
	F2	0 214 826 A2	03-18-1987	Novo Industri A/S		
	F3	0 291 863 A	11-23-1988	Hoechst AG		
	F4	93112586.3 (application)	04-26-1993	Shanghai Inst. of Biochem.		
	F5					
	F6					
	F7					
	F8					
	F9					
	F10					

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08B (10-01)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
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Sheet 2 of 2

Complete if Known

Application Number	10/070,568
Filing Date	March 8, 2002
First Named Inventor	You-Min Feng
Group Art Unit	
Examiner Name	

Attorney Docket Number GJE-88

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R1	BRANGE, J. et al. (June 16, 1988) "Monomeric insulins obtained by protein engineering and their medical implications" <i>Nature</i> (London) 333:679-682.	
	R2	JENSEN, IVAN et al. (1991) "Scintigraphic studies in rats: kinetics of insulin analogs covering wide range of receptor affinities" <i>Chemical Abstracts Service</i> , Database accession no. 115:224155CA (Diabetes, 1991, 40(5):628-32) abstract only.	
	R3	KRISTENSEN, CLAUS et al. (May 16, 1997) "Alanine Scanning Mutagenesis of Insulin" <i>The Journal of Biological Chemistry</i> 272(20):12978-12983.	
	R4	NOBLE, SARA L., ELIZABETH JOHNSTON, BILL WALTON (January 15, 1998) "Insulin Lispro: A Fast-Acting Insulin Analog" In: <i>The American Academy of Family Physicians</i> .	
	R5	WANG, QIONG-QING et al. (November 18, 1996) "Studies on receptor binding site of insulin: the hydrophobic B12Val can be substituted by hydrophilic Thr" <i>Chemical Abstracts</i> 125(21), abstract no. 266145 (Biochem. Mol. Biol. Int. 39(6):1245-1254) abstract only.	
	R6		
	R7		
	R8		
	R9		
	R10		
	R11		
	R12		
	R13		

Examiner Signature	Date Considered
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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